Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101316\
Data File : BF090555.D
Acq On : 13 Oct 2016 21:35
Operator : UM/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF101316

Manual Integrations APPROVED
sohil
10/14/2016 6:38:38 PM

Quant Time: Oct 14 12:51:50 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 14 12:44:45 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	172885	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	763184	20.00	ng		0.00
38) Acenaphthene-d10	9.97	164	395964	20.00	ng		0.00
63) Phenanthrene-d10	11.46	188	676061	20.00	ng		0.00
75) Chrysene-d12	14.10	240	619488	20.00	ng		0.00
86) Perylene-d12	15.56	264	388580	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	796569	84.47	ng		0.00
7) Phenol-d6	6.55	99	1219252	87.01	ng		0.00
23) Nitrobenzene-d5	7.49	82	1224609	89.14	ng		0.00
41) 2,4,6-Tribromophenol	10.76	330	309497	87.67	ng		0.00
44) 2-Fluorobiphenyl	9.29	172	1987006	82.68	ng		0.00
78) Terphenyl-d14	13.05	244	2121382	79.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	221526	41.22	ng		100
3) Pyridine	3.29	79	497124	41.27	ng		96
4) n-Nitrosodimethylamine	3.24	42	174513	41.60	ng		95
6) Aniline	6.59	93	702447	41.48	ng		100
8) 2-Chlorophenol	6.70	128	514261	42.05	ng		99
9) Benzaldehyde	6.47	77	391267	43.92	ng		98
10) Phenol	6.57	94	724092	45.18	ng		97
11) bis(2-Chloroethyl)ether	6.66	93	577983	43.71	ng		99
12) 1,3-Dichlorobenzene	6.86	146	500341	41.03	ng		99
13) 1,4-Dichlorobenzene	6.94	146	540948	40.79	ng		100
14) 1,2-Dichlorobenzene	7.09	146	540322	43.58	ng		99
15) Benzyl Alcohol	7.07	79	408087	42.76	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.19	45	880999	47.34	ng		99
17) 2-Methylphenol	7.18	107	423806	44.47	ng		99
18) Hexachloroethane	7.43	117	226326	43.18	ng		98
19) n-Nitroso-di-n-propylamine	7.33	70	430259	44.78	ng		99
20) 3+4-Methylphenols	7.33	107	512168	44.33	ng		98
22) Acetophenone	7.33	105	751630	44.58	ng		97
24) Nitrobenzene	7.50	77	623621	44.23	ng		99
25) Isophorone	7.74	82	1065037	42.59	ng		100
26) 2-Nitrophenol	7.82	139	279888	43.76	ng		99
27) 2,4-Dimethylphenol	7.87	122	432218	40.72	ng		97
28) bis(2-Chloroethoxy)methane	7.96	93	660931	44.76	ng		100
29) 2,4-Dichlorophenol	8.07	162	381283	41.01	ng		97
30) 1,2,4-Trichlorobenzene	8.15	180	425568	39.08	ng		100
31) Naphthalene	8.23	128	1641826	42.23	ng		100
32) Benzoic acid	7.99	122	300216	46.05	ng		98
33) 4-Chloroaniline	8.28	127	635949	42.80	ng		98
34) Hexachlorobutadiene	8.35	225	248804	40.89	ng		99
35) Caprolactam	8.66	113	121754	46.92	ng	#	84
36) 4-Chloro-3-methylphenol	8.76	107	468147	43.64	ng		98
37) 2-Methylnaphthalene	8.92	142	971485	42.55	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	434338	41.37	ng		99
40) Hexachlorocyclopentadiene	9.08	237	214045	41.73	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	245801	41.51	ng		99
43) 2,4,5-Trichlorophenol	9.24	196	300787	42.58	ng		99
45) 1,1'-Biphenyl	9.39	154	1336104	44.34	ng		99
46) 2-Chloronaphthalene	9.41	162	973834	43.35	ng		100
47) 2-Nitroaniline	9.51	65	377402	46.34	ng		98
48) Acenaphthylene	9.82	152	1446651	40.44	ng		100
49) Dimethylphthalate	9.69	163	1038707	40.43	ng		100
50) 2,6-Dinitrotoluene	9.75	165	237096	42.18	ng		98
51) Acenaphthene	10.01	154	990458	41.65	ng		99
52) 3-Nitroaniline	9.93	138	310399	44.00	ng		98
53) 2,4-Dinitrophenol	10.03	184	109705	39.07	ng		92
54) Dibenzofuran	10.18	168	1299423	41.54	ng		100
55) 4-Nitrophenol	10.09	139	185475	43.69	ng		97
56) 2,4-Dinitrotoluene	10.15	165	341463	44.72	ng		99
57) Fluorene	10.52	166	1096934	42.51	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.29	232	254135	43.19	ng		96
59) Diethylphthalate	10.38	149	1128189	43.30	ng		99
60) 4-Chlorophenyl-phenylether	10.51	204	527510	43.37	ng		98
61) 4-Nitroaniline	10.54	138	318391	45.01	ng		99
62) Azobenzene	10.67	77	1430915	47.48	ng		98
64) 4,6-Dinitro-2-methylphenol	10.57	198	163147	39.87	ng		98
65) n-Nitrosodiphenylamine	10.63	169	892051	39.95	ng		100
66) 4-Bromophenyl-phenylether	11.00	248	296681	40.90	ng	#	93
67) Hexachlorobenzene	11.07	284	303211	38.50	ng	#	64
68) Atrazine	11.15	200	243703	39.46	ng		99
69) Pentachlorophenol	11.25	266	155887	39.93	ng		97
70) Phenanthrene	11.48	178	1559810	43.22	ng		99
71) Anthracene	11.53	178	1568223	40.38	ng		100
72) Carbazole	11.69	167	1471070	42.31	ng		99
73) Di-n-butylphthalate	12.02	149	1833478	45.01	ng		99
74) Fluoranthene	12.67	202	1578413	43.48	ng		99
76) Benzidine	12.80	184	656429	42.59	ng		97
77) Pyrene	12.90	202	1658047	40.41	ng		100
79) Butylbenzylphthalate	13.52	149	821318	45.18	ng		94
80) Benzo(a)anthracene	14.09	228	1509524	42.80	ng		99
81) 3,3'-Dichlorobenzidine	14.05	252	503351	41.78	ng		99
82) Chrysene	14.12	228	1305899	38.43	ng		98
83) Bis(2-ethylhexyl)phthalate	14.08	149	1110018	45.26	ng		99
84) Di-n-octyl phthalate	14.69	149	1501778	45.67	ng	#	94
85) Indeno(1,2,3-cd)pyrene	17.01	276	856960	43.62	ng		98
87) Benzo(b)fluoranthene	15.14	252	1129659	44.43	ng	#	95
88) Benzo(k)fluoranthene	15.16	252	1013079m	37.03	ng		
89) Benzo(a)pyrene	15.49	252	961507	41.30	ng		98
90) Dibenzo(a,h)anthracene	17.04	278	754674	42.51	ng		97
91) Benzo(g,h,i)perylene	17.45	276	688151	40.65	ng		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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